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| O I PENFORMATION DISCLOSURE   |                                   |   |                                     |                        |   | Application Number          |                      | 10/044,420                             |       |
| O I PIN OTHINATION DISCLOSURE |                                   |   |                                     |                        |   | Filing Date                 |                      | January 10, 2002                       |       |
| STATEMENT BY APPLICANT        |                                   |   |                                     |                        |   | First Named Inventor:       |                      | Kathrin Berkner                        |       |
| MAY :                         | (use as many sheets as necessary) |   |                                     |                        |   | Art Unit                    |                      | Unknown                                |       |
| A A                           | Sheet Lyck of                     |   |                                     |                        |   | Examiner Name               |                      | Unknown                                |       |
| Sheet                         | Jak                               | 8.  | of                                  |                        | 2                                       | Attorney Docket Numb        | er                   | 074451.P138                            |       |
| ,                             | 14-10-                            |   | <u> </u>                            | U.S. PATENT            | T DOCUMENTS                             | 3                           |                      |  |       |
| Examiner                      | Cite No.1                         |   |                                     | Publication            |   | ate Name of Patentee or     |                      | Pages, Columns, Lines,                 |       |
| Initials*                     | ,                                 |   | Document Number                     |                        | MM-DD-YYYY                              | Applicant of Cited Document |                      | Where Relevant<br>Passages or Relevant |       |
|                               |                                   |   | ber-Kind Code <sup>2</sup> (if know | n)                     |   |                             |                      | Figures Appear                         |       |
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|                               |                                   |   | FC                                  | REIGN PATE             | NT DOCUME                               | NTS                         |                      |  |       |
| Examiner                      | Cite                              | Foreign P                                   | Foreign Patent Document             |                        | Nam                                     |                             |                      | es, Columns, Te                        |       |
| Initials*                     | No.'                              |   |                                     |                        |   | nt of Cited Document Line   |                      | es, Where Relevant ssages or Relevant  |       |
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|                               |                                   | Country Code' Number' Kind Code' (if known) |                                     |                        |   |                             |                      |  |       |
| KH                            | A                                 | WO 00/01153                                 |                                     | 01-06-2000 Telefon-Ak  |   | iebolaget LM                |                      | 4                                      |       |
| A IT                          |                                   | 110 00/01/100                               |                                     |                        | Ericsson                                |                             | l                    |  |       |
| 1. A                          | В                                 | EP 1 162 573                                |                                     | 12-12-2001             |   | ushiki Kaisha               |                      |  |       |
| 7) 7 C EP 0 731 4             |                                   | 22 A2                                       | 02-16-1996                          | Mitsubishi D<br>Kaisha | enki Kabushiki                          |                             |                      |  |       |
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| INFO  | RMAT  | TION I   | DISC | LOSURE         | Application Number     | 10/044,420             |  |  |
| alpa  |   |  | 7.00 |                | Filing Date            | January 10, 2002       |  |  |
| STATEMENT BY APPLICANT  (Úse as many sheets as necessary)  MAY 2 7 2003 |   |  |      |                | First Named Inventor:  | Kathrin Berkner        |  |  |
|   |   |  |      |                | Art Unit               | Unknown                |  |  |
| £ " /w/   |   |  |      |                | Examiner Name          | Unknown                |  |  |
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| ASULMON   |   |  |      | NON PATENT LIT | ERATURE DOCUMENTS      |                        |  |  |
| Examiner<br>Initials*   | Cite<br>No <sup>1</sup>   | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published |      |                |                        |                        |  |  |
| J.A.  | D   | Strobel, N., et al: "MMAP: Modified Maximum a Posteriori Algorithm for Image Segmentation in Large Image/Video Databases", Image Processing, 1997. Proceedings, International Conference on Santa Bara, CA, USA October 26-29, 1997, IEEE, pp. 196-199.        |      |                |                        |                        |  |  |
| J.A.  | E   | Rehrauer, H., et al.: "Multiscale Image Segmentation with a Dynamic Label Tree", Geoscience and Remote Sensing Symposium Proceedings, 1998. IGARSS '98. 1998 IEEE International, Seattle, WA, USA July 6-10, 1998, New York NY, USA, IEEE.                     |      |                |                        |                        |  |  |
| O.A   | F   | Queiroz De R.L., et al.: "Fast Segmentation of the JPEG Compressed Documents", Journal of Electronic Imaging, SPIE & IS&T, US, vol. 7, no. 2, April 1, 1998, pp. 367-377.  |      |                |                        |                        |  |  |
| O.A.  | G Marcellin, M.W., et al.: "An overview of JPEG-2000", Data Compression Conference 2000 Proceedings. DCC 2000 Snowbird, UT, US, March 28-30, 2000, pp. 523-541. |  |      |                |                        | ·                      |  |  |
|   |   |  |      |                |                        | RECEIVED               |  |  |
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